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**CENTRAL FAX CENTER****JUL 23 2007****REMARKS**

Claims 1 and 3-16 are pending in the application, with claim 2 cancelled and claims 1 and 10-16 amended herein.

Claims 1-2, 4, and 10-16 are rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Patent No. 6,725,276 to Hardjono et al. Claims 3, and 5-9 are rejected under 35 U.S.C. § 103(a) as unpatentable over Hardjono. Reconsideration of the claim rejections is requested for at least the following reasons.

As best understood, Hardjomo discloses an apparatus and method for authenticating messages that a router 18 of a first domain 10 transmits a message with a MAC (Message Authentication Code) to a router 18 of a second domain 12, where the router 18 of the first domain 10 transmits the message from the first domain to the second domain 12.

But Hardjomo fails to teach transmitting a data encrypted by using a common key in addition to the common key encrypted by using a public key as recited in independent claim 1, as amended to include the features of original claim 2. Accordingly, it is submitted that independent claim 1, patentably distinguishes over Hardjomo and is allowable.

Claims 14-16 have been amended to recite in part to include "the encrypted common key by using the public key is transmitted to between the terminal of the local area network system and another local area network system with the encrypted data by using the common key."

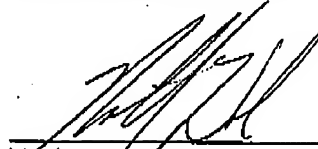
Claims 10-13 have been amended to recite similar features. It is respectfully submitted that Hardjomo does not teach such features, and that claims 10-16 patentably distinguish over Hardjomo and are allowable.

For at least this reason, independent claims 1 and 10-16 patentably distinguishes over the relied upon portions of Hardjomo and is allowable. Claims 3-9 depend from claim 1 and are therefore allowable therewith.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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